

INTERNATIONAL SEARCH REPORT

International Application No.

EP 2005/050351

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01B11/10 D01G31/00 B65H63/06 B65H63/032 D01H13/16
G01N21/89 G01N33/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65H G01B G01N D01G D01H D03D D07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 341 958 A (OHSAWA ET AL) 27 July 1982 (1982-07-27) abstract column 1, line 6 - line 10 column 3, line 30 - column 10, line 2 figures 1,2,4,5 -----	1-14
X	US 6 201 602 B1 (BOUVYN PATRICK) 13 March 2001 (2001-03-13) abstract column 1, line 7 - line 18 column 2, line 42 - column 3, line 24 column 3, line 56 - column 4, line 24 column 5, line 28 - column 8, line 23 figures 1,2,1a ----- -/--	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Δ document member of the same patent family

Date of the actual completion of the international search

13 April 2005

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04/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/35075 A (ITECO S.R.L; BRUNAMONTI, MASSIMO; CONTI, ADRIANO; DELL'AGLIO, GASTONE,) 15 July 1999 (1999-07-15) abstract page 5, line 33 - page 8, line 19 figures 1,2a,2b,4,4a	1,3-7
X	EP 1 359 108 A (SELTEC SRL) 5 November 2003 (2003-11-05) abstract paragraph '0014! - paragraph '0045! figures 1-3,5	1,2,4-7

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Information on patent family members

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